

Abstract

A center beam car has a main deck structure extending laterally from a main center sill, a laterally extending top truss structure, and a central vertically oriented web work structure for carrying vertical shear loads between the top truss and the center sill and decking. The center beam so formed defines bunks upon in which to carry cargo. The upper region of the web-work structure includes a deep upper beam structure that has downwardly extending skirts. The skirts provide an extended bearing area upon against which bundled loads can be secured. The skirts are inwardly reinforced to discourage deflection between adjacent upright members of the vertical web work.